



Student Name:

Date:

Period:

## Student Data Sheet

Student Name:

Date:

Period:

**Claim:** (One sentence statement that addresses the relationship between material and surface temperature.)

<b>Summary of Evidence:</b> Sufficient, Appropriate, and Observation-driven	<b>Reasoning</b> (Why is this evidence important?)
<p><b>Material 1: aluminum foil</b></p>  <p><b>Material 2: sand</b></p>  <p><b>Material 3: black construction paper</b></p>  <p><b>Material 4: white construction paper</b></p>  <p><b>Material 5: soil</b></p>  <p><b>Material 6: wet green sponge (or other):</b></p>  <p><b>Material 7: dry green sponge</b></p>  <p><b>Material 8: Your Choice:</b>_____</p>  <p><b>Material 9: Your Choice:</b>_____</p>  <p><b>Material 10: Your Choice:</b>_____</p>	



Student Name:

Date:

Period:

## Student Data Table

Description of Material/Object	Temperature		Environment/ Location:
	Air (°C/°F)	Surface (°C/°F)	(Circle one) Full Sun, Partial Sun/Shade, Full Shade
<b>Material 1: aluminum foil</b>			(Circle one) Full Sun, Partial Sun/Shade, Full Shade
<b>Material 2: sand</b>			(Circle one) Full Sun, Partial Sun/Shade, Full Shade
<b>Material 3: black construction paper</b>			(Circle one) Full Sun, Partial Sun/Shade, Full Shade
<b>Material 4: white construction paper</b>			(Circle one) Full Sun, Partial Sun/Shade, Full Shade
<b>Material 5: soil</b>			(Circle one) Full Sun, Partial Sun/Shade, Full Shade
<b>Material 6: wet green sponge (or other):</b>			(Circle one) Full Sun, Partial Sun/Shade, Full Shade
<b>Material 7: dry green sponge</b>			(Circle one) Full Sun, Partial Sun/Shade, Full Shade
<b>Material 8: Your Choice:</b>			(Circle one) Full Sun, Partial Sun/Shade, Full Shade
<b>Material 9: Your Choice:</b>			(Circle one) Full Sun, Partial Sun/Shade, Full Shade
<b>Material 10: Your Choice:</b>			(Circle one) Full Sun, Partial Sun/Shade, Full Shade